



Making Tracks

Editor: Holly Berthold, *Metro Media Specialist*
Layout: Rene Parker, *Administrative Staff Assistant*



Making Tracks
Missouri Department of Conservation
2360 Hwy D
St. Charles, MO 63304
www.mdc.mo.gov

2004 Coming Events...

Prairie Day

September 11 10 a.m. – 4 p.m.

Shaw Nature Reserve, Gray Summit

Follow the herd to this family event at Shaw Nature Reserve's 175-acre tall grass prairie. Hike with a naturalist to learn about prairie life, play pioneer games, listen to a string band or storyteller and watch demonstrations of weaving, spinning, flintknapping and other crafts. View exhibits of mammals, reptiles, amphibians and insects and watch live birds of prey. Purchase wildflowers and seeds from native plant nurseries or visit the concessions to buy bison burgers, kettle corn and homemade baked goods. Cost is \$3 for adults; free for children ages 12 and under, as well as members of the Missouri Botanical Garden and Shaw Nature Reserve. Call (314) 301-1500 for more information.

National Hunting & Fishing Day

September 25

Look for more details in a future *Making Tracks*!

*If you would like to receive this newsletter in the mail,
please call (636) 441-4554.*



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Making Tracks

St. Louis Regional Calendar of Events

August 2004

Volume 04, Number 08



Our Caldwell Conservation Area open house is for educators teaching public, private, parochial or homeschool students. Meet your Outdoor Skills Specialist, Conrad Mallady, as well as myself, Jennifer Fakes, your Conservation Education Consultant for Franklin County. We will showcase our new Discovery Trunks (available for use in the classroom), hand out examples of our posters and publications and demonstrate the new Outdoor Skills modules. You will have the opportunity to sample selected lessons from these modules throughout the event. Be sure to bring your school calendar to have first "dibs" on reserving a day at Caldwell or to schedule school presentations. Please call Laura at (573) 468-3335, ext. 233, to R.S.V.P. for the open house.

Caldwell Conservation Area is specifically opened for education programs and school groups who reserve the area. Teacher workshops, fishing programs, hiking around the trails and observing the wildlife are examples of the current programs and uses at Caldwell. Programs such as map & compass,

Caldwell Conservation Area

*By Jennifer Fakes
Conservation Education Consultant*

**YOU ARE INVITED!
Educator Open House
August 17, 2004
3 p.m. – 6 p.m.
Caldwell Conservation Area
Washington, MO**

archery, tree identification, stream ecology and other areas of interest will be available to educators and their students in the upcoming school year.

Programs currently scheduled at Caldwell Conservation Area include:

5th Grade Fishing Day – September 14 & 16.
Advanced registration required due to limited space. Contact Conrad for more information: (573) 468-3335, ext. 230.

Teacher Workshop: How to Incorporate Conservation Education in Your Curriculum – September 21, 22, or 23. Select one day to attend. Contact Jennifer at (573) 468-3335, ext. 244.

To receive more information on using the Caldwell Conservation Area for your next educational learning experience, please call the Sullivan Public Contact Office, (573) 468-3335, to request a special use permit form. (Applications are due back to the office 30 days prior to event date.) We look forward to working with you throughout the school year in your endeavor to include conservation education in the classroom.



2360 Hwy D, St. Charles, MO 63304

For reservations call (636) 441-4554 Monday through Friday 8 a.m. - 5 p.m. If you are unable to attend a program, please call and cancel as a courtesy to those on our waiting list. Interpretive services are available for those with hearing loss with 5 days notice. From Hwy 40 take Hwy 94 south to Hwy D; turn west on Hwy D for approximately 3 miles. The area entrance is on the north side of Hwy D. Visit www.mdc.mo.gov/areas/stlouis/buschca/

7 Nature's Paper

Saturday 9 a.m. - 11:30 a.m.

(Ages 6 & up) Give new life to old paper, seeds and dried flowers. We will make paper in several colors using these materials. Please bring old towels and an old cookie sheet. (Reservations Begin July 22.)

11 Pictures in Tissue

Wednesday 10 a.m. - Noon

(Ages 10-16) Learn to identify wildflowers by their shape and color. Then, create a beautiful picture of one from colored tissue paper. (Reservations begin July 26.)

21 Turtles of MTC

Saturday 8 a.m. - 10:30 a.m.

(All Ages) A warm summer morning is a good time to see turtles basking in the sun in their native habitat. Most young turtles have now hatched and will be warming up in the morning sunlight. Join us for a 2.5-mile hike on the levees at Marais Temps Clair Conservation Area to view turtles and other native wildlife of eastern St. Charles County. Learn the identifying characteristics of the native turtles and view them through spotting scopes provided by MDC. (Reservations begin August 5.)



28 Babes in the Woods

Saturday 9:30 a.m. - 10:30 a.m.

(Ages 0-3) It's never too early to start learning about nature. Grab your stroller and your blankie and join us on a short hike to experience the outdoors. (Reservations begin August 12.)

Wanted: Volunteer Naturalists!

*Do you like working with people of all ages?
Do you enjoy teaching people about Missouri's natural resources?
Do you have 10 hours a month you could volunteer?*

Would you like to learn more about the natural world while helping to promote a greater understanding of Missouri's resources and their conservation? Consider becoming a Volunteer Naturalist for the Missouri Department of Conservation. Busch Conservation Area, Columbia Bottom Conservation Area and Rockwoods Reservation are looking for folks who are interested in becoming Volunteer Naturalists. Beginning this September, the three sites will be working together to present an introductory training course for Volunteer Naturalists. The nine-session course will be held during September, October and November. If you are 18 years or older and would like to learn more, you are invited to attend one of the following Open Houses:

August A. Busch Memorial Conservation Area

Thursday, August 26, 2004 6:30 p.m. - 8 p.m. Call (636) 300-1953 ext. 244

Columbia Bottom Conservation Area

Thursday, August 26, 2004 6:30 p.m. - 8 p.m. Call (314) 877-6014 ext. 26

Rockwoods Reservation

Thursday, August 26, 2004 6:30 p.m. - 8 p.m. Call (636) 458-2236 ext. 34

Please call the site where you are interested in volunteering to register for the Open House. We look forward to seeing you!

Busch Volunteer Milestones

Kathy Thiele.....	1250 hours	Joe Veras.....	100 hours
Ed Leutwiler.....	750 hours	Glenn Senter.....	100 hours
Penny Elder.....	400 hours	Trish Senter.....	100 hours
Billy Key.....	400 hours		

Busch Shooting Range & Training Center

2360 Hwy D
St. Charles, MO 63304
(636) 300-1953 ext. 251
www.mdc.mo.gov/areas/ranges/busch

PUBLIC RANGE HOURS

May 1 through September 30
Friday through Monday 10 a.m. - 4 p.m.
Tuesday 2 p.m. - 8 p.m.
October 1 through April 30
Friday through Tuesday 10 a.m. - 4 p.m.

These hours are subject to change.
Please call the range for updated hours.

CLOSED DAYS

Wednesday and Thursday
All State Holidays

RANGE FEES

Rifle/Pistol Range: \$3 per hour/per booth
Trap/Skeet Fields: \$3 per round/per person
Shotgun Patterning Range: \$2 per person for every set of three turkey targets
Special Use Permits: Please call to inquire.
Note: Peak usage: 1 hour maximum per permit.
Eye and ear protection is required on all ranges.

Jay Henges Shooting Range & Outdoor Education Center

1100 Antire Road
High Ridge, MO 63049
(636) 938-9548
www.mdc.mo.gov/areas/ranges/henges

PUBLIC RANGE HOURS

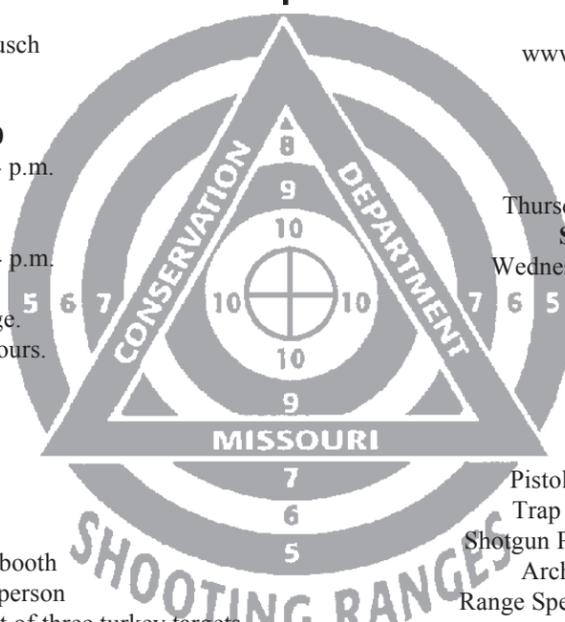
May 1 through August 31
Wednesday 2 p.m. - 8 p.m.
Thursday through Sunday 10 a.m. - 4 p.m.
September 1 through April 30
Wednesday through Sunday 10 a.m. - 4 p.m.

CLOSED DAYS

Monday and Tuesday
All State Holidays

RANGE FEES

Pistol/Rifle Range: \$3 per hour/per booth
Trap Range: \$3 per 25 targets/per person
Shotgun Patterning Range: \$2 per hour/per person
Archery Range: \$3 per hour/per person
Range Special Use Permit: \$20 per hour/per permit
Building Use Permit: Inquire
NOTE: Peak usage: 1 hour maximum per permit
Trap Ranges: No shot size larger than 7 1/2
Pistol/Rifle Range: No center fire ammunition large than .50 caliber
Ear & eye protection is required on all ranges.



Throughout August, enjoy outdoor shooting sports during special summer hours at our ranges.

Archery *Rifle/Pistol* Shotgun Patterning* Trap/Skeet

Ranges are closed on state holidays and for special events.

For program information, check our website: www.mdc.mo.gov/areas/ranges

2751 Glencoe Road, Wildwood, MO 63038

For reservations call (636) 458-2236 Monday through Friday 8 a.m. - 5 p.m. If you are unable to attend a program, please call and cancel as a courtesy to those on our waiting list. Interpretive services are available for those with hearing loss with 5 days notice. From I-44 take Hwy 109 north 4 miles to Woods Avenue; left on Woods Avenue, and then immediately right on Glencoe Road. From Manchester Road take Hwy 109 south 2 miles to Woods Avenue; right on Woods Avenue, and then immediately right on Glencoe Road. Visit www.mdc.mo.gov/areas/stlouis/

10 Conservation Frontiers: Aquatic Invertebrates and Water Quality Testing #46 & #49

Tuesday 6:30 p.m. - 8 p.m.
(Ages 7-18) This activity covers both aquatic invertebrate identification and water quality testing. Wear shoes and clothes that can get wet and muddy. Bug spray is recommended. (Reservations begin July 26.)

11&12 Toddling Into Nature: Natural Ice Cream Treats

Wednesday 1 p.m. - 2 p.m.
Thursday 9:30 a.m. - 10:30 a.m.
(Ages 3-6) We'll learn how to make these treats and where we can find those delicious raspberries and gooseberries in nature. (Registration begins July 26.)

12 Homeschool Special: What's for Dinner?

Thursday 1 p.m. - 2:30 p.m.
(Ages 7 & up) Students learn through interactive participation why animals require different food for survival, and how food chains work in an ecosystem. (Registration begins July 26.)



16 "Rockwoods Rattlers"

Monday 6:30 p.m. - 7:30 p.m.
(All Ages) Jeff Ettling, curator of reptiles at the St. Louis Zoo, will present a slideshow and discussion on the natural history of the timber rattlesnakes at Rockwoods Reservation. (Registration begins August 2.)

18 Making Nature Journals Part I: Papermaking

Wednesday 1 p.m. - 3:30 p.m.
(Ages 6 & up) Turn junk mail and old cereal boxes into beautiful pieces of paper and journal covers. After you make paper the first day, come back the second day to learn ways to assemble your creation. (Reservations begin August 3.)

19 Making Nature Journals Part II: Journal Making

Thursday 1 p.m. - 2:30 p.m.
(Reservations begin August 3.)

21 Happy Birthday, Smokey

Saturday 9:30 a.m. - 11 a.m.
(All Ages) It's Smokey's 60th birthday and it's time to celebrate! Join us as we learn all about Smokey and the efforts put forth to protect forest habitats. There will be games, prizes and fun for the whole family. (Reservations begin August 5.)



21 The Woods at Rockwoods

Saturday 2 p.m. - 4 p.m.
(All Ages) Come enjoy nature's wonders as we explore the trees by going on a naturalist-guided walk in the woods at Rockwoods. (Reservations begin August 5.)

25 Natural Dyes

Wednesday 10 a.m. - Noon
(All Ages) Grab a white t-shirt and join us as we teach you how to make your own natural dyes. (Reservations begin August 5.)

Conservation Frontiers – Calling All Nature-Loving Families!

Frontiers, a youth program sponsored by the Missouri Department of Conservation, encourages the development of conservation-minded citizens. Frontiers is designed to have an adult leader assist the members in completing activities.

We will be starting an afternoon Homeschool Frontiers chapter beginning in September. The new chapter will meet on the second Tuesday of each month, from 2:30 p.m. - 4 p.m. Please call Anna-Lisa Tucker, Naturalist, at (636) 458-2236 ext. 25 if you are interested in the Frontiers program.

801 Strodtman Rd., St. Louis, MO 63138

For reservations call (314) 877-6014 Wednesday through Sunday 8 a.m. - 4 p.m. If you are unable to attend a program, please call and cancel as a courtesy to those on our waiting list. Interpretive services are available for those with hearing loss with 5 days notice. From I-270 north take the Riverview Drive exit (last Missouri exit); go north approximately 2.8 miles. Riverview Drive becomes Columbia Bottom Road at its intersection with Larimore Road. The entrance is on the right-hand side. Visit www.mdc.mo.gov/areas/areas/bottom/

3 Retiree River Ramble

Tuesday 8 a.m. - 10 a.m.
(Ages 60 & over) Calling all folks over 60! Enjoy a leisurely hike with other seniors to discover the unique wonders found at Columbia Bottom. Bring binoculars and field guides if you have them; we will look at plants and birds and everything in between. This month we will explore an area along the Missouri River. (Reservations begin July 21.)



7 Little Mouse on the Prairie

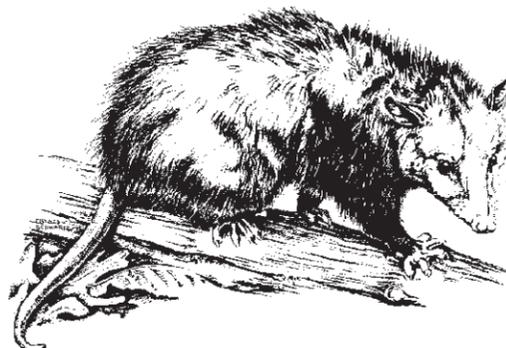
Saturday 9 a.m. - 10:30 a.m.
(Ages 7-12) Become an explorer of the dynamics of a prairie habitat. We will collect seeds and insects, and have a scavenger hunt to discover some of the plants and animals that make their home on the prairie. Did you know that people as well as natural forces play an important role in keeping a prairie habitat alive? Come join in on the fun and adventure. (Reservations begin July 23.)

14 Discovery Table: Herps

Saturday 10 a.m. - 2 p.m.
(All Ages & Scouts) Frogs and turtles and snakes, OH MY! Do you know what a turtle shell is made of? Can you make the sound of a chorus frog, cricket frog or a green frog? How do snakes smell and are they really slimy? Visit our discovery table at the visitor center and learn all about these fascinating creatures. (No reservations necessary.)

22 Discovery Table: Bottomland Forests

Sunday 11 a.m. - 3 p.m.
(All Ages & Scouts) Discover the plants and animals that make their home in a bottomland forest. Examine pelts, skulls, tracks and more from a variety of mammals like white-tailed deer, grey fox, opossum and black bear. Learn to identify bottomland trees by their leaves. This discovery table will take place at the Bottomland Forest Station. In case of bad weather, it will be moved to the visitor center. (No reservations necessary.)



Powder Valley Conservation Nature Center

11715 Cragwold Road, Kirkwood, MO 63122

For reservations call (314) 301-1500 Monday through Friday 8 a.m. - 5 p.m. If you are unable to attend a program, please call and cancel as a courtesy to those on our waiting list. Interpretive services are available for those with hearing loss with 5 days notice. From I-44 east in Kirkwood, take Watson Road, exit and turn north on Geyer Road. Follow Geyer Road 200 yards to Cragwold Road. Go 1 mile west on Cragwold Road. Visit www.mdc.mo.gov/areas/cnc/powder/

2 Hiking the Hickory Ridge Trail

Monday 1 p.m. – 2:30 p.m.
(Adults) Let's hike the Hickory Ridge Trail to see what birds, wildflowers and trees we might identify. (Reservations begin July 19.)

6 Litter Critters

Friday 10 a.m. – 11:30 a.m.
(All Ages) Discover what's hiding on the forest floor. Plan to hike and collect critters from under rocks, fallen logs and leaves. We'll return to the classroom for a close-up look using magnifying glasses and microscopes. (Reservations begin July 23.)

13 Peewee Paleontology

Friday 10 a.m. – 11:30 a.m. & 1 p.m. – 2:30 p.m.
(Ages 3-6) How are dinosaurs like today's reptiles? Find out through craft, song and pretend play. Go on a "dino dig." Dress for the weather. (Reservations begin July 30.)

23 Hiking the Broken Ridge Trail

Monday 1 p.m. – 2:30 p.m.
(Adults) Let's hike the Broken Ridge Trail to see what wildflowers, trees and birds we might identify. (Reservations begin August 9.)

1st Annual Student Art Show Winners

Powder Valley's exhibit hallway was decorated with displays of Missouri's plants and animals as seen through the eyes of young artists. The response to the 1st Annual Student Art Show was overwhelming, with 86 students representing nine schools. Judging was difficult due to the quality of originality and creativity. Ribbons were awarded for 1st, 2nd and 3rd place in each grade, with Honorable Mention awarded to the remaining entries.

First Place Winners		
1 st Grade	4 th Grade	7 th Grade
Deer Season in Missouri	Cedar Glade	Owl
Grace Garner	Cody Drury	Eddie McHugh
St. Gerard School	Sherwood Elementary	St. Dominic School
3 rd Grade	5 th Grade	8 th Grade
Duck	It's a Bug's World	Duck
Nathan Stockell	Michelle Chicoineau	Ethan Jaeger
Sacred Heart School	St. Gerard School	Sacred Heart School
	6 th Grade	
	Turtle	
	Rachel Fox	
	Parkway NE Middle School	

Look for the announcement in an upcoming Making Tracks issue for the 2nd Annual Student Art Show.

Discover Our Lewis and Clark Haversack

Borrow our new Lewis and Clark Haversack and make your own discoveries about the Lewis and Clark Expedition. This latest addition to our collection of loaner backpacks is full of games, activities, worksheets, materials and information on the Corps of Discovery. Beginning this month it is available to scout leaders, youth group leaders, parents and other adults free of charge on a first-come, first-served basis. The haversack, along with the backpacks, is available, free of charge, on a first-come, first-served basis from our front desk during nature center hours. Your expedition with the haversack is limited to Powder Valley grounds for up to two hours.

Girl Scouts – the Haversack is designed to accomplish several activities from the Missouri Girl Scout Council's Lewis and Clark Bicentennial Patch Program.

LEWIS & CLARK ACROSS MISSOURI:

Mapping the Historic Landscape - An Exhibit of the Missouri State Archives

On display the month of August at Powder Valley Conservation Nature Center

Discover It. Experience It. Lewis & Clark's Missouri River.

It was an incredible journey that lasted nearly 2 ½ years and extended over 7000 miles of prairies, rivers and mountains. President Thomas Jefferson offered Meriwether Lewis and William Clark a once in a lifetime opportunity to make history—and they did.

Lewis and Clark and their Corps of Discovery—a crew of soldiers, trappers, French engagés and Clark's slave York—left St. Louis in 1804. Shoshone interpreter Sacagawea joined the explorers' trek at Fort Mandan in 1805. Their adventures and triumphant return in 1806 from a magnificent and virtually unmapped land of vast prairies and awesome mountains sparked the American imagination.

That historic expedition continues to capture the imagination of people everywhere. Embracing the spirit of discovery that marked the Lewis & Clark Expedition, the Missouri State Archives presents LEWIS & CLARK ACROSS MISSOURI: Mapping the Historic Landscape—an exhibit of maps portraying the Missouri River exactly as the Corps of Discovery experienced it.

By combining nineteenth century land survey records held at the Missouri State Archives with modern mapping technology, geographers from the Geographic Resource Center at the University of Missouri's Department of Geography produced something unique and original: they re-created the Lewis and Clark Expedition in beautifully rendered historic maps and gave us a new way to look at the Lewis and Clark Expedition in the land that became Missouri—where the journey began.

The maps show the Expedition's course on the Missouri River, providing the earliest mapped version of the river and visions of a natural world that differs radically from today's landscape. Depicting the historic vegetative land cover in territorial Missouri, the maps beautifully illustrate the rich natural resources available in the nineteenth century. Contemporary map overlays reveal the changes brought by human activity over two centuries. In addition, the maps comprise the first accurate rendering of the Expedition's campsites and foot explorations by crew members on the first leg of their long journey to the Pacific Ocean.

Missouri's Lewis & Clark story is singular among the stories of the other trail states. The Missouri State Archives maintains land records paralleling the time of the Expedition's passage. No other state can duplicate with such accuracy the Expedition's travels along particular stretches of river. The maps will give Missouri its place in telling this national adventure story.

(Article courtesy of Missouri State Archives, www.sos.mo.gov/archives/exhibits)

BACK TO SCHOOL BASH!

Educator's Open House

Tuesday, August 10
9 a.m. – 2 p.m.

Calling all educators! Come see what the Missouri Department of Conservation has to offer. Meet Powder Valley Conservation Nature Center's Naturalists, Education Consultant and Outdoor Skills Specialists. Sample activities from some of our school programs. Take home conservation education posters and packets. Get first "dibs" at reserving dates for your field trip to Powder Valley and outdoor skills school programs. Stay as long as you like and enjoy a fun, casual day complete with snacks, beverages and prizes!

Please make your reservation by August 6. Call (314) 301-1500.

Powder Valley Volunteer Milestones

Alma Dulz.....3200 hours	Dick Wasson.....3900 hours	David Anderson.....100 hours
Shirley Fitzgibbons.....900 hours	Jeff Wolf.....400 hours	Lee Roy Halbeck.....200 hours
Tjad Meyer.....2300 hours	Marjorie Yamada.....3700 hours	Reggie Weiss.....100 hours
Ron Pohle.....1400 hours		